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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Artcle 36 and Rule 70)

	(ICI MILLIOUS ALL				
Applicant's or agent's file reference PAKIST021624	FOR FURTHER ACTION	SeeNotificationofTransmittalofInternationalPreliminary Examination Report (Form PCT/IPEA/416)			
International application No. PCT/KR2002/002456	International filing date(day/mo. 27 DECEMBER 2002 (27.12.2				
International Patent Classification (IPC	or national classification and IPC	PC			
IPC7 B01J 20/26					
Applicant KOREA INSTITUTE OF SCIENCE A	AND TECHNOLOGY et al				
and is transmitted to the applica	nt according to Article 36.	pared by this International Preliminary Examining Authority			
This report is also accom amended and are the basis 70.16 and Section 607 of	s for this report and/or sheets con the Administrative Instructions un	s of the description, claims and/or drawings which have been ontaining rectifications made before this Authority (see Rule			
These annexes consist of a total	These annexes consist of a total ofsheets.				
I X Basis of the report Priority III Non-establishmer IV Lack of unity of it V X Reasoned statem citations and exploration Certain defects in	at of opinion with regard to novelth invention ent under Article 35(2) with regard anations supporting such statements cited the international application ons on the international application	on			
Date of submission of the demand 22 JULY 2003 (22.07.2003)	Dat	ate of completion of this report 26 APRIL 2004 (26.04.2004)			
Name and mailing address of the IPE	erty Office	uthorized officer			
920 Dunsan-dong, Seo-g Republic of Korea Facsimile No. 82-42-472-7140	ì	YANG, In Soo elephone No. 82-42-481-5567			





International aplication No.

PCT/KR2002/002456

		s of the report	
1.	With	regard to the elements of the international application:*	
	X	the international application as originally filed	Ì
		the description:	, as originally filed
		pages	, filed with the demand
		pages, filed with the letter of	
		the claims:	, as originally filed
	Ш	pages, as amended (together with any	statment) under Article 19
		pages	, filed with the demand
		pages, filed with the letter of	
}		the drawings:	, as originally filed
	•	pages	, filed with the demand
		pages filed with the letter of	
		the sequence listing part of the description:	, as originally filed
		pages	, filed with the demand
		pages, filed with the letter of	
2.	the Tr	the language of a translation furnished for the purposes of international search (under Rule 23. the language of publication of the international application (under Rule 48.3(b)). the language of the translation furnished for the purposes of international preliminary examination or 55.3). With regard to any nucleotide and/or amino acid sequence disclosed in the international application reliminary examination was carried out on the basis of the sequence listing: contained inthe international application in written form. filed together with the international application in computer readable form. furnished subsequently to this Authority in written form. furnished subsequently to this Authority in computer readable form The statement that the subsequently furnished written sequence listing does not go be international applicationas as filed has been furnished. The statement that the information recorded in computer readable form is identical to the been furnished.	which is .1(b)). ination(under Rules 55.2 and/ ication, the international
	ı. [The amendments have resulted in the cancellation of: the description, pages the claims, Nos.	
		the drawings, sheet	
5	s. [This report has been established as if (some of) the amendments had not been made, sing go beyond the disclosure as filed, as indicated in the Supplemental Box(Rule 70.2(c)).**	e they have been considered to
	ir	teplacement sheets which have been furnished to the receiving Office in response to an invitation to this opinion as "originally filed." and are not annexed to this report since they do not contained to 10.17).	under Article 14 are referred to in amendments (Rules 70.16
	** /	any replacement sheet containing such amendments must be referred to under item I and annexed	l to this report.

INTERNATIONAL PRELIMINARY EXAMINATION

International aplication No.
PCT/KR2002/002456

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicab	ility;
citations and explanations supporting such statement	

1. Statement			
Novelty (N)	Claims	7~29	
1101019 (21)	Claims	1~6	NO
Lecenting stop (IS)	Claims		YES
Inventive step (IS)	Claims	7~29	NO
Industrial applicability (IA)	Claims	1~29	YES
Mododini apparation (Claims		

- 2. Citations and explanations (Rule 70.7)
 - 1. Reference is made to the following document:

D1 = US 6080797 (27 June 2000)

- 2. Claim 1 relates to a dehumidifying element comprising a superabsorbing polymer (SAP) and a hygroscopic salt. Claim 2 relates to the dehumidifying element of claim 1, wherein the SAP is cross-linked. Claim 3 relates to relates to the dehumidifying element of claim 1, wherein the SAP takes a granular form and is contacted with the hygroscopic salt. Claim 4 relates to the dehumidifying element of claim 1, wherein the maximum particle diameter of the granules is 1000μ m. Claim 5 relates to the dehumidifying element of claim 1, wherein the SAP is formed in fibers or filaments. Claim 6 relates to the dehumidifying element of claim 1, wherein the SAP includes a polymer and/or copolymer in which acryl acid or acrylamide is cross-linked, propfpolymer of starch, a cross-linked amylum derivative, and/or a cellulose derivative. The dehumidifying element according to said claims is disclosed in document D1 (column 2, line 29 to column 11, line 67), which relates to a porous dehumidifying polypolymer and a method for manufacturing the same.
- 3. The dehumidifying element according to claims 7-18 can be readily derived by a person skilled in the art from D1.
- 4. The method for fabricating a dehumidifying element according to claims 19-29 also can be readily derived from the disclosure of D1 (below column 2, line 35).